

In the specification:

Replace the paragraph starting on page 10, line 18 with the following paragraph:

For example, the article can be cleaned with a detergent solution prior to the plasma treatment. The washing solution can vary in temperature from about 20 °C to about 70 °C. Examples of suitable detergents include, but are not limited to, ~~Aleonex~~ ALCONOX from Alconox, Inc., New York, NY and RBS-PF concentrate available from Pierce Chemical, Rockford, IL and Fluka Chemical Corp., Milwaukee, WI. The detergent solution typically contains about 0.001 to about 2 weight percent detergent based on the weight of the solution. When washing by hand, for example, the detergent concentration can be in the range of about 0.5 to about 2 weight percent. When washing in a automatic washing device, for example, the detergent concentration can be in the range of about 0.001 to about 0.2 weight percent.

Replace the paragraph starting at page 16, line 14 with the following paragraph:

Four finished ophthalmic lenses (Essilor ~~Crizal~~TM CRIZAL) were obtained from Maplewood Eye Care Center, Maplewood, MN. Fingerprints were removed by dipping the lenses in isopropyl alcohol and then drying under a nitrogen stream. The lenses were tested for hydrophobicity by application of a few drops of Millipore-grade filtered water. All lenses showed water beading, indicating the presence of a hydrophobic coating.

Replace the paragraph starting at page 17, line 8 with the following paragraph:

Test lenses (Essilor Airwear ~~Crizal~~TM CRIZAL, and Gentex GLC with Zeiss AR and top coats) were obtained from Twin City Optical (Plymouth, MN). One lens of each type was used in this study. First, water and hexadecane contact angles were measured on the fresh lenses using a VCA-2500XE video contact angle apparatus (AST Products, Billerica, MA). One drop of Millipore-grade filtered water was applied to the center of the lens and measured, then this was removed, the surface blown dry, and then one drop of hexadecane was placed in the center of the lens. Static, advancing, and receding contact angles were determined for water, while advancing and receding angles were determined for hexadecane. Contact angles were measured on both sides of the drops, and the results averaged.

Replace Table 1 on page 18 with the following table:

Table 1 – Contact Angles on AR Lenses After Various Treatments

Treatment	Lens Type	Water Static/Advancing/Receding Contact Angle (°)	Hexadecane Advancing/Receding Contact Angle (°)
None	Crizal CRIZAL	107/129/85	78/56
	Zeiss	108/116/102	30/23
First Plasma Cleaning	Crizal CRIZAL	~0	---
	Zeiss	~0	---
Dip Coat w/Silane 1	Crizal CRIZAL	105/113/91	64/56
	Zeiss	106/113/91	65/56
Second Plasma Cleaning	Crizal CRIZAL	~0	---
	Zeiss	~0	---
Dip Coat w/Silane 1	Crizal CRIZAL	104/109/74	64/52
	Zeiss	105/106/88	65/57

Replace the paragraph starting on page 16, line 26 with the following paragraph:

After another dip in isopropyl alcohol and drying under nitrogen, the lenses were put back in the plasma cleaner for another 5 min, then dip coated immediately in a freshly prepared solution of 0.1 wt % silane in HFE-7100. The silane was

$(\text{H}_3\text{CO})_3\text{Si}(\text{CH}_2)_3\text{NHCOCF}_2\text{O}(\text{CF}_2\text{O})_m(\text{C}_2\text{F}_4\text{O})_q\text{CF}_2\text{CONH}(\text{CH}_2)_3\text{Si}(\text{OCH}_3)_3$ where both m and q are equal to about 9 to about 10. An automated dip coater (Unislide™ UNISLIDE Assemblies, Velmex Inc., Bloomfield, NY) was used for the dipping, at a withdrawal speed of 3-4 mm/sec. The coated lenses were allowed to stand overnight in air at room temperature, then placed in a forced-air oven at 60°C for 1 hr.

Replace the paragraph starting on page 17, line 1 with the following paragraph:

After cooling, the lenses were tested on both sides by application of water drops and blue permanent Sharpie™ SHARPIE marker ink. All surfaces exhibited beading of the ink into discrete droplets which were easily removed by dry wiping with a Kimwipe. Water beading was also excellent, and the drops ran off the surface leaving no trace when the lenses were tilted vertically.